



Form PTO 1449 U.S. DEPARTMENT OF COMMERCE (Modified) PATENT AND TRADEMARK OFFICE		DOCKET NO. 3840-006-27		SERIAL NO. 10/785,156		
LIST OF REFERENCES CITED BY APPLICANT (Use Several Sheets if Necessary)		APPLICANT Lakshman R. SEHGAL et al.				
		FILING DATE February 25, 2004		GROUP ART UNIT 1642 1633		
U.S. PATENT DOCUMENTS						
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
SDP	AA	4,868,116	Morgan et al.			
	AB	5,061,688	Beissinger et al.			
	AC	5,339,346	White			
	AD	5,438,041	Zheng et al.			
	AE	5,449,614	Danos et al.			
	AF	5,661,033	Ho et al.			
	AG	5,919,619	Tullis			
	AH	5,985,846	Kochanek et al.			
	AI	6,083,750	Chamberlain et al.			
	AJ	6,207,455	Chang			
	AK	6,328,958	Amalfitano et al.			
	AL	6,334,194	Hihara			
	AM	6,335,011	Podsakoff et al.			
	AN	6,342,214	Tryggvason et al.			
FOREIGN PATENT DOCUMENTS						
	DOCUMENT NUMBER	DATE	COUNTRY	TRANSLATION YES NO		
SDP	AO	WO99/14346	3/25/99	WIPO		
SDP	AP	WO01/29058	4/26/01	WIPO		
OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.)						
SDP	AQ	Ausbel, et al., (eds) Greene Publishing Associates, "Current Protocols in Molecular Biology", Sections 9.10-9.14, 1989.				
	AR	Ng, et al., "Development of a FLP/ire System for Generating Helper-Dependent Adenoviral Vectors", Molecular Therapy, Vol. 3, No. 5, pp. 809-815, 2001.				
	AS	Bledsoe, et al., "Cytokine production in motor neurons by poliovirus replicon vector gene delivery", Nature Biotechnol., Vol. 18, pp. 964-969, 2000.				
EXAMINER <i>Scott D. Pribe</i>				DATE CONSIDERED <i>2/9/06</i>		
*EXAMINER: Initial if reference is considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.						

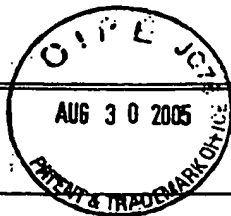
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OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.)					
SDP	AT	Chen, et al., "Low-Dose Vaccinia Virus-Mediated Cytokine Gene Therapy of Glioma", Journal of Immunotherapy, Vol. 24, pp. 46-57, 2001.			
↓	AU	Chen, et al., "Gene therapy for brain tumors: Regression of experimental gliomas by adenovirus-mediated gene transfer <i>in vivo</i> ", Proc. Natl. Acad. Sci. USA, Vol. 91, pp. 3054-3057, 1994.			
↓	AV	Cui, et al., "Plasmid DNA-Entrapped Nanoparticles Engineered from Microemulsion Precursors" In Vitro and in Vivo Evaluation", Bioconjugate Chem., Vol. 13, pp. 1319-1327, 2002.			
SDP	AW	Curiel, "Strategies to Adapt Adenoviral Vectors for Targeted Delivery", Annals New York Academy of Sciences, Vol. 886, pp. 158-171, 1991.			
Duplicate	AX	Wen, et al., <u>Human Thrombomodulin: Complete cDNA Sequence and Chromosome Localization of the Gene</u> ", Biochemistry, Vol. 26, No. 14, pp. 4350-4357, 1987.			
SDP	AY	Gossen, et al., "Transcriptional Activation by Tetracyclines in Mammalian Cells", Science, Vol. 268, pp. 1766-1769, 1995. No figures			
0	AZ	Gossen, et al., "Tight control of gene expression in mammalian cells by tetracycline-responsive promoters", Proc. Natl. Acad. Sci. USA, Vol. 89, pp. 5547-5551, 1992.			
	BA	Fink, et al., "Gene Transfer to Neurons Using Herpes Simplex Virus-Based Vectors", Annual Rev. Neurosci, Vol. 19, pp. 265-287, 1996.			
	BB	Flotte, et al., "Gene Expression from Adeno-associated Virus Vectors in Airway Epithelial Cells", Am. J. Respir. Cell. Mol. Biol., Vol. 7, pp. 349-356, 1992.			
	BC	Green, et al., "A New Scalable Method for the Purification of Recombinant Adenovirus Vectors", Human Gene Therapy, Vol. 13, pp. 1921-1934, 2002.			
	BD	Haj-Ahmand, et al., "Development of a Helper-Independent Human Adenovirus Vector and Its Use in the Transfer of the Herpes Simplex Virus Thymidine Kinase Gene", J. Virol., Vol. 57, pp. 267-273, 1986.			
	BE	Howell, et al., "High-Level Dystrophin Expression after Adenovirus-Mediated Dystrophin Minigene Transfer to Skeletal Muscle of Dystrophic Dogs: Prolongation of Expression with Immunosuppression", Human Gene Therapy, Vol. 9, pp. 629-634, 1998.			
	BF	Kay, et al., "Evidence for gene transfer and expression of factor IX in haemophilia B patients treated with an AAV vector", Nature Genetics, Vol. 24, pp. 257-261, 2000.			
	BG	Kessler, et al., "Gene delivery to skeletal muscle results in sustained expression and systemic delivery of a therapeutic protein", Proc. Natl. Acad. Sci. USA, Vol. 93, pp. 14082-14087, 1996.			
✓	BH	Kistner, et al., "Doxycycline-mediated quantitative and tissue-specific control of gene expression in transgenic mice", Proc. Natl. Acad. Sci. USA, Vol. 93, pp. 10933-10938, 1996.			
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SDP	CA	Magari, et al., "Pharmacologic Control of a Humanized Gene Therapy System Implanted into Nude Mice", J. Clin. Invest., Vol. 100, pp. 173-206, 1997.			
	CB	Miller, "Progress Toward Human Gene Therapy", Blood, Vol. 76, pp. 271-278, 1990.			
	CC	Muzyczka, et al., "Use of Adeno-Associated Virus as a General Transduction Vector for Mammalian Cells", Curr. Topics in Micro. and Immunology, Vol. 158, pp. 97-129, 1992.			
	CD	Naldni, et al., "In Vivo Gene Delivery and Stable Transduction of Nondividing Cells by a Lentiviral Vector", Science, Vol. 272, pp. 263-267, 1996.			
	CE	No, et al., "Ecdysone-inducible gene expression in mammalian cells and transgenic mice", Proc. Natl. Acad. Sci. USA, Vol. 93, pp. 3346-3351, 1996.			
	CF	Pruchnic, et al., "The Use of Adeno-Associated Virus to Circumvent the Maturation-Dependent Viral Transduction of Muscle Fibers", Human Gene Therapy, Vol. 11, pp. 521-536, 2000.			
	CG	Ragot, et al., "Efficient adenovirus-mediated transfer of a human minidystrophin gene to skeletal muscle of <i>mdx</i> mice", Nature, Vol. 361, pp. 647-650, 1993.			
	CH	Romano, et al., "Latest Developments in Gene Transfer: Achievements, Perspectives, and Controversies over Therapeutic Applications", Stem Cells, Vol. 18, pp. 19-39, 2000.			
	CI	Ropert, "Liposomes as a gene delivery system", Brazilian Journal of Medical and Biological Research, Vol. 32, pp. 163-169, 1999.			
	CJ	Sakhuja, et al., "Optimization of the Generation and Propagation of Gutless Adenoviral Vectors", Human Gene Therapy, Vol. 14, pp. 243-254, 2003.			
	CK	Samulski, et al., "Helper-Free Stocks of Recombinant Adeno-Associated Viruses: Normal Integration Does Not Require Viral Gene Expression", Journal of Virology, Vol. 63, No. 9, pp. 3822-3828, 1989.			
	CL	Schwarze, et al., "In Vivo Protein Transduction: Delivery of a Biologically Active Protein into the Mouse", Science, Vol. 285, pp. 1569-1572, 1999.			
	CM	Song, et al., "Sustained secretion of human alpha-1 antitrypsin from murine muscle transduced with adeno-associated virus vectors", Proc. Natl. Acad. Sci. USA, Vol. 95, pp. 14384-14348, 1998.			
	CN	Suzuki, et al., "Structure and expression of human thrombomodulin, a thrombin receptor on endothelium acting as a cofactor for protein C activation", EMBO Journal, Vol. 6, pp. 1891-1897, 1987.			
	CO	Umaña, et al., "Efficient FLPe recombinase enables scalable production of helper-dependent adenoviral vectors with negligible helper-virus contamination", Nature Biotechnology, Vol. 19, pp. 582-585, 2001.			
EXAMINER		J. D. Piche		DATE CONSIDERED 7/9/06	

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		FILING DATE February 25, 2004	GROUP ART UNIT 1642 1633
OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.)			
SDP	DA	Wahlfors, et al., "Evaluation of recombinant alphaviruses as vectors in gene therapy", Gene Therapy, Vol. 7, pp. 472-480, 2000.	
	DB	Wang, et al., "A regulatory system for use in gene transfer", Proc. Natl. Acad. Sci. USA, Vol. 91, pp. 8180-8184, 1994.	
	DC	Wang, et al., "Ligand-inducible and liver-specific target gene expression in transgenic mice", Nature Biotechnology, Vol. 15, pp. 239-243, 1997.	
	DD	Yamashita, et al., "Electroporation-mediated <i>Interleukin-12</i> Gene Therapy for Hepatocellular Carcinoma in the Mice Model", Cancer Research, Vol. 61, pp. 1005-1012, 2001.	
	DE	Ye, et al., "Regulated Delivery of Therapeutic Proteins After in Vivo Somatic Cell Gene Transfer", Science, Vol. 283, pp. 88-91, 1999.	
	DF	Yi, et al., "A Cationic Lipid Emulsion/DNA Complex as a Physically Stable and Serum-Resistant Gene Delivery System", Pharmaceutical Research, Vol. 17, No. 3, pp. 314-320, 2000.	
	DG	Xiao, et al., "Efficient Long-Term Gene Transfer into Muscle Tissue of Immunocompetent Mice by Adeno-Associated Virus Vector", Journal of Virology, Vol. 70, No. 11, pp. 8098-8108, 1996.	
	DH	Xiao, et al., "Adeno-Associated Virus as a Vector for Liver-Directed Gene Therapy", Journal of Virology, Vol. 72, No. 12, pp. 10222-10226, 1998.	
✓	DI	Zhang, et al., "Long-term expression of human alpha 1-antitrypsin gene in mouse liver achieved by intravenous administration of plasmid DNA using a hydrodynamics-based procedure", Gene Therapy, Vol. 7, pp. 1344-1349, 2000.	
SDP	DJ	Cui, et al., "Genetic Immunization Using Nanoparticles Engineered from Microemulsion Precursors", Pharmaceutical Research, Vol. 19, No. 7, pp. 939-946, 2002.	
	DK	Kibbe, et al., "Handbook of Pharmaceutical Excipients", 3rd Edition, Pharmaceutical Press London, UK, 2000.	
SDP	DL	Lee, et al., "Crit. Rev. Ther. Drug Carrier Systems, Vol. 14, pp. 173-206, 1997.	
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U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
SDP	AA	2002/0068713	06/06/02	RADE, et al.			
	AB						
	AC						
	AD						
	AE						
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	AG						
FOREIGN PATENT DOCUMENTS							
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SDP	AH	WO 96/06933	03/07/96	WIPO	X		
	AI						
OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.)							
SDP	AJ	Waugh, et al., "Local Overexpression of Thrombomodulin for In Vivo Prevention of Arterial Thrombosis in a Rabbit Model", Circulation Research, Vol. 84, No. 1, pp. 84-92, 1999.					
	AK	Waugh, et al., "Thrombomodulin Overexpression to Limit Neointima Formation", Circulation, Vol. 102, No. 3, pp. 332-337, 2000.					
	AL	Vassalli, et al., "Gene therapy for arterial thrombosis", Cardiovascular Research, Vol. 19, No. 6, pp. 459-469, 1997.					
	AM	Umana, et al., "Efficient FLPe recombinase enables scalable production of helper-dependent adenoviral vectors with negligible helper-virus contamination", Nature Biotechnology, Vol. 19, No. 6, pp. 582-585, 2001.					
	AN	Wen, et al., "Human Thrombomodulin: Complete cDNA Sequence and Chromosome Localization of the Gene", Biochemistry, Vol. 26, pp. 4350-4357, 1987.					
	AO	Borroni, et al., "Peripheral Blood Abnormalities in Alzheimer Disease: Evidence for Early Endothelial Dysfunction", Alzheimer Disease and Associated Disorders, Vol. 16, No. 3, pp. 150-155, 2002.					
✓	AP	McKay, et al., "Gene Transfer Therapy in Vascular Diseases", Cardiovascular Drug Reviews, Vol. 19, No. 3, pp. 245-262, 2001.					
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<i>Duplicate</i>	AA	2002/0068713	06/06/02	RADE, et al.	—	—	
<i>SDP</i>	AB	2002/0193336	12/19/02	ELKINS, et al.	—	—	
	AC						
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	AN				
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<i>Duplicate</i>	AP	Wen, et al., "Human Thrombomodulin: Complete cDNA Sequence and Chromosome Localization of the Gene", Biochemistry, Vol. 26, pp. 4350-4357, 1987.
<i>"</i>	AQ	Waugh, et al., "Local Overexpression of Thrombomodulin for In Vivo Prevention of Arterial Thrombosis in a Rabbit Model", Expression of Thrombomodulin to Prevent Thrombosis, pp. 84-92, 1998.
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